

Appendix A
U.S. Serial No. 09/972,268
Clean Version of Table 2 as of June 2003

Table 2
Conserved Nectin Amino Acids

(Hs=Homo sapiens)
(Mus=Murine)

Protein (SEQ ID NO)					
HUNECTIN2 (22)	~~~~~	~~~~~	MARAAALLPS	RSPPTPLLWP	LLLLLLL...
HUCD155 (25)	~~~~~	~~~~~	~~~~~	MARAMAAAWP	LLLVALLVLS
HUNECTIN1 (20)	~~~~~	~~~~~	~~~~~MARMG	LAGAAGRWWG	L...ALGLTA
HUNECTIN3 (6)	MARTLRPSPL	CPGGGKAQLS	SASLLGAGLL	LQPPTPPPLL	LLLFPLLIFS
HUNECTIN4 (24)	~~~~~	~~~~~	~~~~~MPLSLG	AEMWGPEAWL	LLLLLLASFT
consensus				P W	LLL LL
			1	1	f
HUNECTIN2	51				100
HUCD155	..ETGAQDVR	VQVLPEVRGQ	LG GTVELPCH	L.LPPVPGLY	ISLVTWQRPD
HUNECTIN1	WPPPGTGDVV	VQAPTQVPGF	LGDSVTLPCY	LQVPNMEVTH	VSQLTWAR..
HUNECTIN3	FFLPGVHSQV	VQVNDSMYGF	IGTDVVLHCS	FANP.LPSVK	ITQVTWQK.S
HUNECTIN4	RLCGALAGP.	IIVEPHVTAV	WGKNVSLKCL	I..EV..NET	ITQISWEKIH
	GRCP..AGE.	LETSDVVTVV	LGQDAKLPCF	YRGDS..GEQ	VGQVAWARVD
	PG	VQV V G	LG V LPC	P	I QVTW R
	c ag	t v		e	
HUNECTIN2	101				150
HUCD155	APANHQNVAA	FHPKMGPSFP	SPKPGSERLS	FVSAKQSTGQ	DTEAELQDAT
HUNECTIN1	.HGESGSMVA	FHQ TQGPSYS	E...SKRLE	FVAARLG...	...AELRNAS
HUNECTIN3	TNGSKQNVAI	YNPSMGVSV.	.LAPYRERVE	FL.....	..RPSFTDGT
HUNECTIN4	.GKSSQTVAV	HHPQYGFVSQ	..GEYQGRVL	FKNYSLN...	.....DAT
	AGEGAQELAL	LH SKYGLHVS	..PAYEGRVE	QPPPPRNPL.	.....DGS
	Q VA	HP G SV	Y RVE F		DAT
	g	y	g	n	
HUNECTIN2	151				200
HUCD155	LALHGLTVED	EGNYTCEFAT	FPKGSVRGMT	WLRVIAKPKN	QAEAQKVTF.
HUNECTIN1	LRMFGLRVED	EGNYTCLFVT	FPQGSRSVDI	WLRVLAKPQN	TAEVQKVQL.
HUNECTIN3	IRLSRLELED	EGVYICEFAT	FPTGNRESQL	NLTVMAKPTN	WIEGTQAVLR
HUNECTIN4	ITLHNIGFSD	SGKYICKAVT	FPLGNAQSST	TVT VLVEPTV	SLIKGPDSL I
	VLLRNAVQAD	EGEYECRVST	FPAGSFQARL	RLRVLVPPLP	SLNPGP.ALE
	L L ED	EG Y C F T	FP GS	LRVLAKP N	E L
	n		g	v	sl gp
HUNECTIN2	201				250
HUCD155	....SQDPTT	VALCISKEGR	PPARISWLSS	LDWEAKETQV	SGTLAGTVTV
HUNECTIN1	....TGEPVP	MARCVSTGGR	PPAQITWHSD	LGGMPNTSQV	PGFLSGTVTV
HUNECTIN3	AKKGQDDKVL	VATCTSANGK	PPSVVSWETR	LKGEARVPGD	SGTPMAPVTV
HUNECTIN4	DGGNE...TV	AAICIAATGK	PVAHIDWEGD	LGEM..ESTT	TSFPNETATI
	EGQGL...TL	AASC.TAEGS	PAPSVTDWTE	VKGT..TSSR	SFKHSRSAAV
	T	A C SA G	PPA I W	L G S	SG TVTV
	g	a			a

HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	251 TSRFTLVPSG RADGVTVTCK VEH..ESFEE PALIPVTLVS RYPPEVSISG TSLWILVPSS QVDGKNVTCK VEH..ESFEK PQLLTVNLTV YYPPEVSISG ISRYRLVPSR EAHQQSLACI VNYHMDRFKE ....SLTLNV QYEPEVTIEG ISQYKLFPTR FARGRRITCV VKHP..ALEK DIRYSFILDI QYAPEVSVTG TSEFHLVPSR SMNGQPLTCV VSHP..GLLQ DQRITHILHV SFLAEASVRG TS LVPSR A G TC V H FE L V Y PEVSI G v p l d r i v	300
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	301 Y.DDN.WYLG RTDATLSCDV RSNPEPTGYD WSTTSGTFPT SAVAQGSQLV Y.DNN.WYLG QNEATLTCD A RSNPEPTGYN WSTTMGPLPP FAVAQGAQLL F.DGN.WYLQ RMDVKLTCKA DANPPATEYH WTTLNGLSLPK GVEAQNRTLF Y.DGN.WFVG RKGVNLCNA DANPPPFKSV WSRLDGQWPD GLLASDNTLH LEDQNLWHIG REGAMLKCLS EGQPPPSYN. WTRLDGPLPS GVRVDGDTLG Y D N WYLG R A L C A NPPPT Y WSTL G LP G AQG TL g k r d	350
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	351 IH.AVDSLFN TTFVCTVTNA VGMGRAEQVI FVRETP.... IR.PVDKPIN TTLICNVNTA LGARQAELTV QVKEGP.... FKGPINYSLA GTYICEATNP IGTRSGQVEV NITEFPYTPS FVHPLTFNYS GVIYCKVTNS LGQRSDQKVI YISDPPTTTT LQPTIQWHPS F.PPLTTEHS GIYVCHVSNE FSSRDSQVTV DVLDPQEDSG KQ..... F P GTYIC VTN G R Q V V E P lt s dp q	400
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	401.....RAS P...RDV..G PLVWGA VGGT LLVLLLLLAGG.....PSE H...SGISRN AIIFLVLG.. ILVFLILLGI.....PPE HGRRAGPVPT AIIGGVAGSI LLVLIVWGGI TADIEDLATE PKKLPFPLST LATIKDDTIA TIIASVVGGA LFIVLVSVLA....VDLV.. ....SAS VVVVG VIAAL LFCLLVVVVV II GV G LLVLLV G dl f v	450
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	451 SLAFILLRVR RR.....RKS .PGGAGGGAS GDGGFYDPKA QVLGNGDPVF GIYFYWSKCS REVLWHCHLC .PSSEHHQSC RN~~~~~ VVALRRRRHT FKGDYSTKKH .VYNGYSKA GIPQHHPMA QNLQYPDDSD GIFCYRRRRT FRGDYFAKNY IPPSDMQKES QIDVLQOQDEL D..SYP.DSV LMSRYHRR.. .KAQQMTQKY EEELTLTREN SIRRLHSHHT DPRSQPEESV Y RR P I P S y e l d s v	500
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	501 WTPVVP GPME P.DGKDEEEE EEEKA EKGL MLPPPPALED DMESQLDGSL ~~~~~ .DEKKAGPLG G.SSYEEEE EEEGGGGGER KVG GPHPKYD EDAKRPYFTV .KKENKNP.. .VNMLRKDY LEEPEKTQWN NVENLNRFER PMDYEDLKM GLRAEGHPDS LKDNSSCSVM SEEPEGRSYS TLTTVREIET QT...ELLSP P EE E n pe e l	550
HUNECTIN2 HUCD155 HUNECTIN1 HUNECTIN3 HUNECTIN4	551 ISRRAVYV~ ~~~~~ ~~~~~ DEAEARQDGY GDRTLGYQYD PEQLDLAENM VSQNDGSFIS KKEWYV~ GM.KFVSDEH YDENEDDLVS HV...DGSVI SR...REWYV ~~~~~ GSGRAEEEEED QDEGIKQAMN HFVQENGTLR AKPTGNGIYI NGRGHLV A D g e e h g y	597